

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2175 | program\$3 near5 record\$3 near5 search\$4                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 11:07 |
| L2    | 20   | 1 and (convert\$4 near5 (record\$ field\$3) near5 (valu\$4 featur\$3 number\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:11 |
| L4    | 270  | search\$4 near5 near\$4 near5 neighbor\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:15 |
| L6    | 89   | 4 and (distanc\$4 near5 measur\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:16 |
| L7    | 14   | 4 same (distanc\$4 near5 measur\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:16 |
| L8    | 0    | 4 same (distanc\$4 near5 measur\$4 near5 method\$4)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:16 |
| L9    | 0    | 4 same (distanc\$4 near5 measur\$4 near9 method\$4)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:16 |
| L10   | 19   | 4 and (distanc\$4 near5 measur\$4 near9 method\$4)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:18 |
| L11   | 11   | 4 and (distanc\$4 near5 measur\$4 near5 method\$4)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 14:16 |
| S1    | 22   | tv near5 program\$3 near5 record\$3 near5 search\$4                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/27 11:06 |

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| S2  | 149   | tv near5 program\$3 near5 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/16 10:15 |
| S3  | 177   | epg near5 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:27 |
| S4  | 4     | (epg near5 search\$4) and (nearest\$4 near5 neighbor\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 10:51 |
| S5  | 2106  | (inupt\$3 record\$4) near5 (quer\$4 search\$3) near5 record\$3 near5 database\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 10:53 |
| S6  | 1000  | (determin\$4 result\$4) near5 second\$1 near5 record\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 10:53 |
| S7  | 0     | ((inupt\$3 record\$4) near5 (quer\$4 search\$3) near5 record\$3 near5 database\$1) and (determin\$4 result\$4) near5 second\$1 near5 record\$1) and (nearest\$4 near5 neighbor\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 10:54 |
| S8  | 0     | ((inupt\$3 record\$4) near5 (quer\$4 search\$3) near5 record\$3 near5 database\$1) and (determin\$4 result\$4) near5 second\$1 near5 record\$1) and (nearest\$4 same neighbor\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 10:54 |
| S9  | 60    | ((inupt\$3 record\$4) near5 (quer\$4 search\$3) near5 record\$3 near5 database\$1) and (determin\$4 result\$4) near5 second\$1 near5 record\$1                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 11:00 |
| S10 | 87694 | key\$1 near5 (input\$4 quer\$4 search\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 11:01 |
| S11 | 839   | multiple\$4 near5 key\$1 near5 (input\$4 quer\$4 search\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2003/10/09 11:02 |

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| S12 | 0    | ( multiple\$4 near5 key\$1 near5 (input\$4 quer\$4 search\$3)) same (convert\$4 near5 feature\$3 near5 (value\$1 number\$1))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 11:03 |
| S13 | 0    | ( multiple\$4 near5 key\$1 near5 (input\$4 quer\$4 search\$3)) and (convert\$4 near5 feature\$3 near5 (value\$1 number\$1))                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 11:03 |
| S14 | 4    | ( multiple\$4 near5 key\$1 near5 (input\$4 quer\$4 search\$3)) and (convert\$4 near5 index\$3 near5 (value\$1 number\$1))                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 11:03 |
| S15 | 1422 | tv near5 program\$3 near5 record\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:10 |
| S16 | 8    | (tv near5 program\$3 near5 record\$3 ) and (find\$4 search\$4) near5 similar\$4 near5 program\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:16 |
| S17 | 0    | ((tv near5 program\$3 near5 record\$3 ) and ((find\$4 search\$4) near5 similar\$4 near5 program\$4)) and ("near\$4" near5 neighbor\$4)                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/12 13:31 |
| S18 | 3    | ((tv near5 program\$3 near5 record\$3 ) and ((find\$4 search\$4) near5 similar\$4 near5 program\$4)) and ( neighbor\$4)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:12 |
| S19 | 8    | (tv near5 program\$3 near5 record\$3 ) and ((find\$4 search\$4) near5 similar\$4 near5 program\$4)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 11:00 |
| S20 | 441  | (tv television\$1) near5 program\$3 near5 search\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:15 |
| S21 | 0    | ((tv near5 program\$3 near5 record\$3 ) and (find\$4 search\$4) near5 similar\$4 near5 program\$4) and ((tv television\$1) near5 program\$3 near5 search\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:48 |

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| S22 | 6    | ((tv television\$1) near5 program\$3 near5 search\$4) and (find\$4 search\$4) near5 similar\$4 near5 program\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:21 |
| S23 | 1    | similar\$4 near5 program\$4 near5 tv near5 search\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:22 |
| S24 | 2    | similar\$4 near5 program\$4 near5 tv near5 find\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:25 |
| S25 | 27   | program\$4 near5 tv near5 (cluster\$4 classif\$5)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:37 |
| S26 | 2241 | (search\$4 find\$3) near5 program\$4 near5 record\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:37 |
| S27 | 37   | ((search\$4 find\$3) near5 program\$4 near5 record\$4) same ((nearest\$3 similar\$4) near5 record\$4)           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/23 10:08 |
| S28 | 1826 | database near5 program\$4 near5 record\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:48 |
| S29 | 1826 | database\$2 near5 program\$4 near5 record\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:48 |
| S30 | 1826 | database\$3 near5 program\$4 near5 record\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:48 |
| S31 | 1826 | database\$4 near5 program\$4 near5 record\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/01/16 10:48 |

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| S32 | 1      | (database\$4 near5 program\$4 near5 record\$4) same ((find\$4 get\$4 search\$4 determin\$4) near5 (similar\$3 CLUSTER\$4 classifi\$4) near5 program\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 10:53 |
| S33 | 40     | (database\$4 near5 program\$4 near5 record\$4) and ((find\$4 get\$4 search\$4 determin\$4) near5 (similar\$3 CLUSTER\$4 classifi\$4) near5 program\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 10:59 |
| S34 | 218118 | epg newar5 database\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 10:59 |
| S35 | 264    | epg near5 database\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 10:59 |
| S36 | 5      | (epg near5 database\$3) and ((find\$4 search\$4 get\$4 search\$4 determin\$4 recommend\$4) near5 similar\$4 near5 program\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 11:15 |
| S37 | 7      | (epg near5 database\$3) and ((find\$4 search\$4 get\$4 search\$4 determin\$4 recommend\$4) near5 cluster\$4 near5 program\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 11:15 |
| S38 | 9      | (US-6184877-\$ or US-5223924-\$ or US-6493688-\$ or US-6651253-\$ or US-6614987-\$ or US-5758259-\$). did. or (US-20030014404-\$).did. or (JP-11308581-\$ or JP-11075127-\$). did.                                      | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | OFF | 2004/01/16 11:17 |
| S39 | 1      | ((US-6184877-\$ or US-5223924-\$ or US-6493688-\$ or US-6651253-\$ or US-6614987-\$ or US-5758259-\$). did. or (US-20030014404-\$).did. or (JP-11308581-\$ or JP-11075127-\$). did.) and (nearest\$4 near4 neighbor\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 11:18 |
| S40 | 1      | ((US-6184877-\$ or US-5223924-\$ or US-6493688-\$ or US-6651253-\$ or US-6614987-\$ or US-5758259-\$). did. or (US-20030014404-\$).did. or (JP-11308581-\$ or JP-11075127-\$). did.) and ( neighbor\$4)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/01/16 11:18 |
| S41 | 1      | (US-5758259-\$).did.  | USPAT   | OR | OFF | 2004/01/23 10:08 |

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| S42 | 25    | TV near5 PROGRAM\$3 near6<br>(cluster\$4 classif\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:32 |
| S43 | 680   | retriev\$4 near5 cluster\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:33 |
| S44 | 107   | (retriev\$4 near5 cluster\$3) same<br>database\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:32 |
| S45 | 22522 | retriev\$4 near5 number\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:33 |
| S46 | 193   | (retriev\$4 near5 cluster\$3) and<br>(retriev\$4 near5 number\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:33 |
| S47 | 0     | ((retriev\$4 near5 cluster\$3) same<br>database\$4) and nearset\$3 near5<br>neighbor\$4                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:34 |
| S48 | 12    | ((retriev\$4 near5 cluster\$3) same<br>database\$4) and nearest\$3 near5<br>neighbor\$4                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/01/23 14:34 |
| S49 | 3308  | epg   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 16:53 |
| S50 | 704   | epg and (retriev\$4 near5<br>(program\$4 schedul\$4<br>information))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 16:55 |
| S51 | 0     | (epg and (retriev\$4 near5<br>(program\$4 schedul\$4<br>information))) and (convert\$4<br>near5 key\$4 near 5featur\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 16:57 |

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| S52 | 1       | (epg and (retriev\$4 near5 (program\$4 schedul\$4 information))) and (convert\$4 near5 key\$4 near5 featur\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 16:57 |
| S53 | 629     | (tv television) near5 (program\$3 schedul\$4 information) near5 search\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 17:00 |
| S54 | 17      | (tv television) near5 (program\$3 schedul\$4 information) near5 search\$4 same (group\$4 classif\$4 cluster\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 17:05 |
| S55 | 2037292 | (data information record\$4 ) near5 field\$3 near5 convert\$4 (featur\$3 vlaue\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 17:08 |
| S56 | 6       | (data information record\$4 ) near5 field\$3 near5 convert\$4 near5 (featur\$3 vlaue\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 17:09 |
| S57 | 2       | "6029195".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:25 |
| S58 | 2       | "6728966".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 15:06 |
| S59 | 658     | search\$4 near5 (tv television) near5 (program\$3 information data)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 11:14 |
| S60 | 0       | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and (KEY\$4 field) near5 convert\$4 near9 search\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 11:17 |

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| S61 | 0   | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and (id) near5 convert\$4 near9 search\$4       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:15 |
| S62 | 236 | (search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 11:18 |
| S63 | 0   | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and (key\$3) near5 convert\$4 near9 search\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:15 |
| S64 | 0   | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and (field\$3) near5 convert\$4 near9 search\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:15 |
| S65 | 28  | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and ((field\$3) near5 search\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:16 |
| S66 | 57  | ((search\$4 near5 (tv television) near5 (program\$3 information data)) and (group\$4 similar\$4 cluster\$3 near\$4) near5 (program\$4 information data) ) and ((field\$3 key\$4) near5 search\$4)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:16 |
| S67 | 209 | search\$4 near5 cluster\$4 near5 (informaiton data record\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:32 |
| S68 | 258 | display\$4 near5 cluster\$4 near5 (informaiton data record\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:39 |
| S69 | 13  | (search\$4 near5 cluster\$4 near5 (informaiton data record\$4)) and (display\$4 near5 cluster\$4 near5 (informaiton data record\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:39 |



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| S70 | 13  | (search\$4 near5 cluster\$4 near5 (informaiton data record\$4)) and (display\$4 near5 cluster\$4 near5 (informaiton data record\$4)) and ((search\$4 near5 cluster\$4 near5 (informaiton data record\$4)) and (display\$4 near5 cluster\$4 near5 (informaiton data record\$4))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/12 13:39 |
| S71 | 557 | (Tv television) near5 (program\$4 schedul\$4) NEAR5 SEARCH\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:42 |
| S72 | 2   | S71 AND (multipl\$4 plural\$4) near5 (input\$4 typ\$4 quer\$3) near9 (scor\$4 numer\$4 number\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 15:50 |
| S73 | 118 | S71 AND (input\$4 typ\$4 quer\$3) near9 (scor\$4 numer\$4 number\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 15:59 |
| S74 | 5   | S71 AND (input\$4 typ\$4 quer\$3) near9 (scor\$4 numer\$4 number\$4 featur\$4 valu\$4) near5 (conver\$4 chang\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 16:00 |
| S75 | 543 | (tv television\$3) near5 (program\$3 schedul\$4) near5 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 19:08 |
| S76 | 557 | (tv television\$3) near5 (program\$4 schedul\$4) near5 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 19:09 |
| S77 | 0   | S76 AND (key\$4 keyword\$4) near5 (conver\$4 chang\$4) near5 (featur\$4 value\$4 number\$4) near5 search\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 19:12 |
| S78 | 15  | S76 AND (key\$4 keyword\$4) near5 (featur\$4 value\$4 number\$4) near5 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/14 19:12 |

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| S79 | 605   | (Tv television) near5 (program\$4<br>schedul\$4) NEAR6 SEARCH\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:00 |
| S80 | 116   | S79 and (search\$4 near5 key\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:43 |
| S81 | 0     | S79 and (search\$4 near5 key\$4<br>near5 conver\$4 near5 (scor\$4<br>number\$ value\$4 rank\$4))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:44 |
| S82 | 28    | S79 and ( conver\$4 near5 (scor\$4<br>number\$3 value\$4 rank\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:45 |
| S83 | 31022 | (program\$4 schedul\$4) NEAR6<br>SEARCH\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:54 |
| S84 | 0     | S83 and (input\$4 near5 key\$3<br>near5 conver\$4 near5 featur\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:56 |
| S85 | 5     | S83 and (input\$4 near5 key\$3<br>near5 conver\$4 near5 (valu\$3<br>number\$4))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 09:56 |
| S86 | 1     | (Tv television) near5 (program\$4<br>schedul\$4) NEAR6 SEARCH\$4 near5<br>rank\$4                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:09 |
| S87 | 8     | (Tv television) near5 (program\$4<br>schedul\$4) NEAR6 SEARCH\$4 near5<br>(cluster\$3 group\$4 classif\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:09 |
| S88 | 305   | epg near7 search\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:28 |

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| S89 | 834 | S79 or S88   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:31 |
| S90 | 0   | S89 and (input\$4 near5 field\$ near5 conver\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:29 |
| S91 | 489 | S89 and (input\$4 near5 field\$ near5 conver\$4 near5 number valu\$4 featur\$4)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:29 |
| S92 | 0   | S89 and (input\$4 near5 field\$ near5 conver\$4 near5 (number\$4 valu\$4 featur\$4))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:30 |
| S93 | 0   | S89 and (input\$4 near5 field\$4 near5 conver\$4 near5 (number\$4 valu\$4 featur\$4))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:30 |
| S94 | 0   | S89 and (input\$4 near5 (text\$4 string\$4) near5 conver\$4 near5 (valu\$4 number\$4 featur\$4))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:32 |
| S95 | 724 | KEY\$3 NEAR4 FIELD\$3 NEAR5 SEARCH\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:47 |
| S96 | 6   | S95 AND (key\$4 near5 field\$3 near5 conver\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:43 |
| S97 | 138 | ((input\$4 quer\$4 search\$4) near5 (text\$2 string\$4 ) near5 conver\$4 near5 (valu\$4 nuber\$4 featur\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:49 |
| S98 | 41  | S97 and ((valu\$4 nuber\$4 featur\$4) near5 (search\$4 quer\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:50 |

|          |      |  |   |    |    |                  |
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| S99      | 17   | S98 and (CLUSTER\$4 CLASSIF\$4 GROUP\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 10:52 |
| S10<br>0 | 138  | ((input\$4 quer\$4 search\$4) near5 (text\$2 string\$4 ) near5 conver\$4 near5 (valu\$4 nuber\$4 featur\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 13:41 |
| S10<br>1 | 41   | S100 and ((valu\$4 nuber\$4 featur\$4) near5 (search\$4 quer\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 13:41 |
| S10<br>2 | 79   | conver\$4 near5 field\$3 near5 featur\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |
| S10<br>3 | 0    | S102 and (search\$ near5 database\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |
| S10<br>4 | 0    | S102 and (search\$3 near5 database\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |
| S10<br>5 | 1560 | conver\$4 near5 field\$3 near5 valu\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |
| S10<br>6 | 0    | S104 AND S105  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |
| S10<br>7 | 43   | S105 AND (search\$3 near5 database\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/15 14:33 |